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**1 Temperature-independent FBG-type torsion sensor based on combinatorial torsion beam**

*Weigang Zhang; Guiyun Kai; Xiaoyi Dong; Shuzhong Yuan; Qida Zhao;*  
Photonics Technology Letters, IEEE , Volume: 14 , Issue: 8 , Aug. 2002  
Pages:1154 - 1156

[\[Abstract\]](#)   [\[PDF Full-Text \(212 KB\)\]](#)   **IEEE JNL**

**2 Microgimbal torsion beam design using open, thin-walled cross sections**

*Muller, L.; Pisano, A.P.; Howe, R.T.;*  
Microelectromechanical Systems, Journal of , Volume: 10 , Issue: 4 , Dec. 2001  
Pages:550 - 560

[\[Abstract\]](#)   [\[PDF Full-Text \(248 KB\)\]](#)   **IEEE JNL**

**3 Dynamic response and shock resistance of ferromagnetic micromechanical magnetometers**

*Yee, J.K.; Yang, H.H.; Judy, J.W.;*  
Micro Electro Mechanical Systems, 2002. The Fifteenth IEEE International Conference on , 20-24 Jan. 2002  
Pages:308 - 311

[\[Abstract\]](#)   [\[PDF Full-Text \(369 KB\)\]](#)   **IEEE CNF**

**4 Reliability studies of single crystal silicon beams for rigid micro mirrors**

*Saif, M.T.A.; Zhimin Yao; MacDonald, N.C.;*  
Advanced Applications of Lasers in Materials Processing, 1996/Broadband Optical Networks/Smart Pixels/Optical MEMs and Their Applications, 1996. IEEE/LEOS 1996 Summer Topical Meetings: , 5-9 Aug. 1996  
Pages:13 - 14

[\[Abstract\]](#)   [\[PDF Full-Text \(436 KB\)\]](#)   **IEEE CNF**

**5 Torsional vibrations of quartz crystal beams**

*Kawashima, H.; Sunaga, K.;*  
Frequency Control Symposium, 1995. 49th., Proceedings of the 1995 IEEE  
International , 31 May-2 June 1995  
Pages:798 - 803

[\[Abstract\]](#) [\[PDF Full-Text \(392 KB\)\]](#) IEEE CNF

---

**6 Modeling and control of coupled bending and torsional vibrations of flexible beams**

*Sakawa, Y.; Zheng Hua Luo;*  
Automatic Control, IEEE Transactions on , Volume: 34 , Issue: 9 , Sept. 1989  
Pages:970 - 977

[\[Abstract\]](#) [\[PDF Full-Text \(584 KB\)\]](#) IEEE JNL

---

**7 Linear fibre-grating-type sensing tuned by applying torsion stress**

*Weigang Zhang; Xiaoyi Dong; Dejun Feng; Zixiong Qin; Qida Zhao;*  
Electronics Letters , Volume: 36 , Issue: 20 , 28 Sep 2000  
Pages:1686 - 1688

[\[Abstract\]](#) [\[PDF Full-Text \(320 KB\)\]](#) IEE JNL

---

**8 Single Si crystal 1024 ch MEMS mirror based on terraced electrodes and a high-aspect ratio torsion spring for 3-D cross-connect switch**

*Sawada, R.; Yamaguchi, J.; Higurashi, E.; Shimizu, A.; Yamamoto, T.; Takeuchi, N.; Uenishi, Y.;*  
Optical MEMs, 2002. Conference Digest. 2002 IEEE/LEOS International Conference on , 20-23 Aug. 2002  
Pages:11 - 12

[\[Abstract\]](#) [\[PDF Full-Text \(255 KB\)\]](#) IEEE CNF

---

**9 Electrostatic micro torsion mirrors for an optical switch matrix**

*Toshiyoshi, H.; Fujita, H.;*  
Microelectromechanical Systems, Journal of , Volume: 5 , Issue: 4 , Dec. 1996  
Pages:231 - 237

[\[Abstract\]](#) [\[PDF Full-Text \(912 KB\)\]](#) IEEE JNL

---

**10 Torsional vibrations of quartz crystal beams**

*Kawashima, H.; Sunaga, K.;*  
Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on , Volume: 43 , Issue: 5 , Sept. 1996  
Pages:832 - 837

[\[Abstract\]](#) [\[PDF Full-Text \(452 KB\)\]](#) IEEE JNL

---

**11 Design optimization and improved performance on the link beam driven, miniaturized scanning mirror device**

*Konno, N.; Tsugai, M.; Yoshikawa, E.; Usami, T.; Fujita, R.;*  
Optical MEMS, 2000 IEEE/LEOS International Conference on , 21-24 Aug. 2000  
Pages:11 - 12

[\[Abstract\]](#) [\[PDF Full-Text \(116 KB\)\]](#) IEEE CNF

---

**12 A PZT micro-actuated suspension for high TPI hard disk servo systems**

*Yimin Niu; Wei Guo; Guoxiao Guo; Eng Hong Ong; Sivadasan, K.K.; Huang, T.;*

Magnetics, IEEE Transactions on , Volume: 36 , Issue: 5 , Sept 2000  
Pages:2241 - 2243

[\[Abstract\]](#) [\[PDF Full-Text \(100 KB\)\]](#) IEEE JNL

---

**13 A screw theory of static beams**

*Selig, J.M.; Ding, X.;*

Intelligent Robots and Systems, 2001. Proceedings. 2001 IEEE/RSJ International Conference on , Volume: 1 , 29 Oct.-3 Nov. 2001

Pages:312 - 317 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(342 KB\)\]](#) IEEE CNF

---

**14 Torsional vibration of quartz crystal beams with static axial loads and its application to sensors**

*Kawashima, H.; Sunaga, K.; Yamagata, S.;*

Frequency Control Symposium, 1997., Proceedings of the 1997 IEEE International , 28-30 May 1997

Pages:183 - 188

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) IEEE CNF

---

**15 Dynamic forms of equilibrium of a bar compressed by a dead force**

*Zhilin, P.A.;*

Control of Oscillations and Chaos, 1997. Proceedings., 1997 1st International Conference , Volume: 3 , 27-29 Aug. 1997

Pages:399 - 402 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(208 KB\)\]](#) IEEE CNF

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